IN THE SPECIFICATION

Please amend the specification as follows:

Please delete the paragraph on page 7, lines 25-26, and replace it with the following paragraph:

-- Figures 5A and 5B show the design of the FtsZ mRNA–cleaving DNA enzyme (Seq. ID No. 6) and its targeting sequence (Seq. ID No. 32), respectively.--.

Please delete the paragraph on page 10, lines 4-18, and replace it with the following paragraph:

--pPROTet.E233 is a tetracycline-inducible bacterial expression vector expressing fusion protein with 6xHN (Seq. ID No. 33). It utilizes a novel promoter, $P_{Ltet}O1$, which is tightly repressed by the highly specific Tet repressor protein and induced in response to anhydrotetracycline (aTc), allowing control of induction over a wide range (anhydrotetracycline is a derivative of tetracycline that acts as a more potent inducer of PROTet.E Systems). The pssXG vector was transformed into the bacteria strain, DH5αPro (BD Bioscience, Palo Alto, CA) in the presence of 34 μg/ml choloramphenicol (Cm) and 50 μg/ml spectinomycin (spec). Spectinomycin is used to select for DH5αPro cells that carry transcription units encoding TetR (Lutz & Bujard, Nucleic Acids Res., 1997, 25:1203-1210). The DH5αPro cells express defined amounts of the Tet repressors. Cell lysates were prepared using B-PER II Bacterial Protein Extraction Reagent (Pierce, Rockford, IL) according to the manufacturer's instruction. Using the cell lysates, the expression of reverse transcriptase (RT) was confirmed by RT activity assay using cell lysates according to Silver, *et al.* (Nucleic Acids Res., 1993, 21:3593-3594) as shown in Fig. 3 and Western blotting using antibody against 6xHN (Seq. ID No. 33) (BD Bioscience, Palo Alto, CA) as shown in Fig. 4.--.